

## Express Mail Label Number ED 794123685 US

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER

2004DE301

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/15/05 392

PRIORITY DATE CLAIMED

07 January 2004

INTERNATIONAL APPLICATION NO. PCT/EP2004/014326	INTERNATIONAL FILING DATE 16 December 2004
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TITLE OF INVENTION Hydrophilic Coating Based on Polysilazane

APPLICANT(S) FOR DO/EO/US Andreas DIERDORF, Hubert LIEBE, Andreas WACKER and Guenter MOTZ

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: See Attachment 1

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/585592</b>		INTERNATIONAL APPLICATION NO. PCT/EP2004/014326		ATTORNEY'S DOCKET NUMBER 2004DE301	
				CALCULATIONS PTO USE ONLY	
The following fees have been submitted					
21. <input checked="" type="checkbox"/> Basic national fee.....				\$300	\$ 300.00
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).....				\$100	\$ 200.00
All other situations.....				\$200	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....				\$100	400.00
International Search Report prepared and provided to the Office.....				\$400	
All other situations.....				\$500	
<b>TOTAL OF 21, 22 and 23 =</b>				\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE	
12 - 100 =	-88 /50 =			x \$250	\$ 0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).				\$ 0.00	
CLAIMS		NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims		20 - 20 =	0	x \$ 50	\$ 0.00
Independent claims		2 - 3 =	0	x \$200	\$ 0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360	\$ 0.00
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.				0.00	
				<b>SUBTOTAL =</b>	\$ 900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$ +	40.00
				<b>TOTAL NATIONAL FEE =</b>	\$ 940.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$ +	
				<b>TOTAL FEES ENCLOSED =</b>	\$ 940.00
				<b>Amount to be refunded:</b>	\$
				<b>Amount to be charged:</b>	\$
a. <input type="checkbox"/>	A check in the amount of \$ _____ to cover the above fees is enclosed.				
b. <input checked="" type="checkbox"/>	Please charge my Deposit Account No. <u>03-2060</u> in the amount of \$ <u>940.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.				
c. <input checked="" type="checkbox"/>	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>03-2060</u> . A duplicate copy of this sheet is enclosed.				
d. <input type="checkbox"/>	Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.				
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO: Anthony A. Bisulca Clariant Corporation Intellectual Property Law Department 4000 Monroe Road Charlotte, NC 28205					
 SIGNATURE Anthony A. Bisulca NAME 40,913 REGISTRATION NUMBER					
CUSTOMER NO. 25,255					

10/585392

Addendum  
JAP20 Rec'd PCT/PTO 06 JUL 2006

Attachment 1

- Express Mail Label No. ED 794123685 US;
- Copy of International Search Report (3 pages) and
- Transmittal Letter Notification of Amendments Under PCT Article 34 w/ 2 sheets of English translated Annexes.

**10/585392**

**AP20 Rec'd PCT/PTO 06 JUL 2006**

Attorney's Docket No. 2004DE301

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Express Mail Label Number ED 794123685 US**

**Date of Mailing: July 6, 2006**

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that on the date indicated above this International application and the documents referred to as enclosed therein, of:

- CERTIFICATION UNDER 37 CFR 1.10 (Express Mail) (1 page)
- TRANSMITTAL LETTER TO THE DO/EO/US (3 pages) w/ duplicate (6 pages)
- Executed Assignment with Recordation Transmittal (2 pages)
- Copy of International Search Report (3 pages)
- Transmittal Letter Notification of Amendments Under PCT Article 34 w/ 2 sheets of English translated Annexes
- Preliminary Amendment with Abstract (7 pages)
- Copy of the English Translation of International Application (12 PAGES SPECIFICATION and claims); (claims 16 in number)
- Executed Declaration (2 pages)
- Postage pre-paid Postcard Receipt

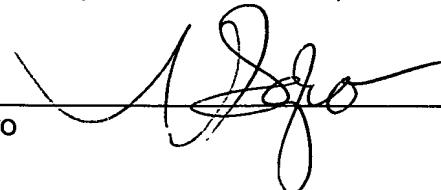
**Inventors:** **Andreas DIERDORF**  
**Hubert LIEBE**  
**Andreas WACKER**  
**Guenter MOTZ**

**For:** **Hydrophilic Coating Based on Polysilazane**

**International Application No.:** **PCT/EP2004/014326**  
**International Filing Date:** **16 December 2004**  
**Priority Filing Date:** **07 January 2004**

is being deposited with the United States Postal Service as "Post Office to Addressee" Express Mail addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450, Mail Stop:, in accordance with 37 CFR 1.10.

Vicki L. Sgro



10/585392

Express Mail Label Number ED 794123685 US 20 Rec'd PCT/PTO 06 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Andreas DIERDORF, et al.: Attorney Docket: 2004DE301

Serial No.: to be assigned :

Filed: July 6, 2006 :

For: Hydrophilic Coating Based on Polysilazane

Transmittal Letter  
Notification of Amendments Under PCT Article 34

Mail Stop:  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Preliminary to the examination of the above-identified application, an Amendment was filed under Article 34 of the Patent Cooperation Treaty prior to the International Preliminary Examination. Please note that the attached pages, page 10 and 11, claims 1-14, were filed with the European Patent Office.

Applicant respectfully requests submission of this page before examination of the application and before entry of the Preliminary Amendment.

Respectfully submitted,

  
Anthony A. Bisulca  
Attorney for Applicant  
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(CUSTOMER NUMBER 25,255)

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